

**I claim:**

1. A building block element comprising a pairs of long sides and a pair of short sides and a thickness, the long side and the short side being at least one or multiple times of the thickness of the element, the element  
5 further having a through slot formed on a selected location, the slot having a long side and a short side that have a length at least one or multiple times of the thickness.
2. The building block element of claim 1, wherein the slot is located in the center of the building block element.
- 10 3. The building block element of claim 2, wherein the building block element has a plurality of consecutive slots formed in the center thereof.
4. The building block element of claim 1, wherein one of the long sides of the building block element has at least one notch.
5. The building block element of claim 1, wherein the two long sides of  
15 the building block element have at least one notch.
6. The building block element of claim 1, wherein one of the short sides of the building block element has at least one notch.
7. The building block element of claim 1, wherein the two short sides of the building block element have at least one notch.

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